

Converting Colors

CIELCh(43, 6.826, 20.243)

Have a look what the booklet for
CIELCh(43, 6.826, 20.243) contains.

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Color

CIELCh(43, 6.826, 20.243)

Conversions

Conversions Part 1

Format	Color
Hex	726262
RGB	114, 98, 98
RGB Percent	45%, 38%, 38%
CMY	0.5535, 0.6162, 0.6162
CMYK	0.00, 0.14, 0.14, 0.55
HSL	0°, 8%, 42%
HSV	0°, 14%, 45%
XYZ	13.4749, 13.1578, 13.3517
YIQ	102.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

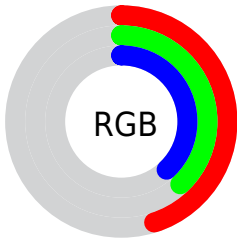
Format	Color
R_{YB}	114, 98, 98
Decimal	7496290
CIE Lab	43.00, 6.40, 2.36
CIE LCh	43, 6.826, 20.243
Yxy	13.1578, 0.3370, 0.3291
Android (android.graphics.Color)	4285686370 (0xFF726262)
YUV	102.7840, -2.3585, 9.8364
Hunter-Lab	36.2736, 2.8301, 3.5680

Details

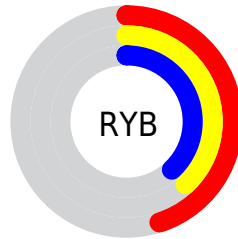
The CIELCh color $43, 6.826, 20.243$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 6.267, 198.758$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 6.688, 19.980$, and $23, 6.700, 20.705$ is the 20% darker color. If you saturate the color by 10%, you get $40, 12.125, 21.119$, and if you desaturate by 10%, it is $47, 1.895, 19.455$.

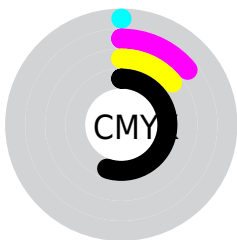
Distribution



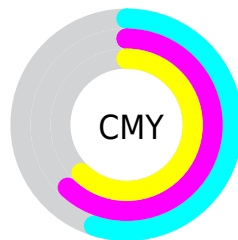
- Red (45%)
- Green (38%)
- Blue (38%)



- Red (45%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.826, 20.243 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 43, 6.826, 20.243 by changing the saturation by 10% instead.

 43, 6.826, 20.243  43, 6.826, 20.243

 100, 6.826, 20.243  33, 6.826, 20.243


 63, 6.826, 20.243  23, 6.826, 20.243

 73, 6.826, 20.243  13, 6.826, 20.243

 83, 6.826, 20.243  3, 6.826, 20.243

 93, 6.826, 20.243  0, 6.826, 20.243

 43, 6.826, 20.243  43, 6.826, 20.243

 40, 12.125, 21.119  47, 1.895, 19.455

 36, 17.791, 22.211  50, 2.682, 199.262

 33, 23.787, 23.614  54, 6.932, 198.762

■ 30, 30.029, 25.421

■ 57, 10.887,
198.408

■ 28, 36.384, 27.726

■ 61, 14.580,
198.126

■ 25, 42.662, 30.580

■ 24, 48.600, 33.889

■ 65, 18.040,
197.897

■ 23, 53.149, 36.292

■ 68, 21.297,
197.707

■ 22, 55.525, 37.271

■ 72, 24.374,
197.550

■ 76, 27.295,
197.418

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43, 6.826, 20.243



47, 6.267, 198.758

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43, 6.826, 20.243



43, 6.826, 70.243



43, 6.826, 200.243



43, 6.826, 250.243

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43, 6.825, 20.254



60, 2.320, 19.461



43, 11.616, 325.157



30, 1.642, 19.522



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 6.825, 20.254



54, 10.364, 20.527



45, 5.845, 73.751



22, 2.649, 19.868



24, 57.999, 37.793



52, 102.188, 40.001

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 6.267, 198.758



59, 9.311, 198.585



44, 5.654, 257.254



23, 2.510, 199.041



45, 28.669, 196.405



89, 48.963, 196.406

Previews

White Background



This preview shows how the CIELCh color 43, 6.826, 20.243 looks on a white background.

Color Contrast Check

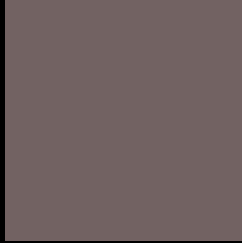
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 43, 6.826, 20.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

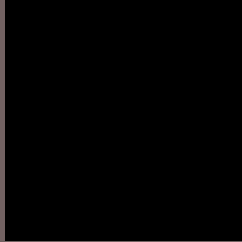
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 6.826, 20.243

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.826, 20.243.



This preview shows how white text looks on a background with the CIELCh color 43, 6.826, 20.243.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43, 6.826, 20.243

Protanopia

43, 1.381, 45.022

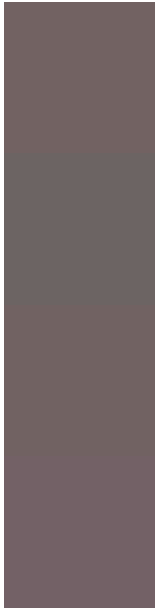
Deuteranopia

43, 6.391, 20.182



Tritanopia
43, 8.625, 351.475

Trichromacy



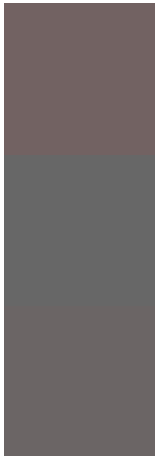
Original Color
43, 6.826, 20.243

Protanomaly
43, 3.422, 29.795

Deuteranomaly
43, 6.391, 20.182

Tritanomaly
43, 8.152, 358.954

Monochromacy



Original Color
43, 6.826, 20.243

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 2.508, 19.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.826, 20.243 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(114, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(114, 98, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(114, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 98, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.826, 20.243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 98, 98) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(114, 98, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(114, 98, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(114, 98,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.826, 20.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 98, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(114, 98,  
98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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